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(FILE 'HOME' ENTERED AT 19:48:26 ON 07 JAN 2007)

FILE 'CAPLUS' ENTERED AT 19:48:34 ON 07 JAN 2007

L1 0 SEA PLU=ON AMINE NEAR USE NEAR THEREOF/TI  
L2 0 SEA PLU=ON AMINE NEAR USE NEAR THEREOF  
L3 0 SEA PLU=ON DALKO/IN  
L4 0 SEA PLU=ON DALKO  
L5 323 SEA PLU=ON BRETON  
L6 0 SEA PLU=ON L5 AND OREAL  
L7 0 SEA PLU=ON L4 AND LOREAL  
L8 0 SEA PLU=ON BRETON/IN  
L9 0 SEA PLU=ON DALKO.IN.  
L10 323 SEA PLU=ON BRETON.IN.  
L11 2 SEA PLU=ON L10 AND AMINE  
D 1-  
L12 12 SEA PLU=ON UNDECAN-6-OL  
D 10  
D 1-  
D 1 IALL  
S 690211-88-2/REG# OR 690211-90-6/REG# OR 690211-92-8/REG#

FILE 'REGISTRY' ENTERED AT 19:54:27 ON 07 JAN 2007

L13 1 SEA PLU=ON 690212-00-1/RN

FILE 'CAPLUS' ENTERED AT 19:54:27 ON 07 JAN 2007

L14 1 SEA PLU=ON L13

FILE 'REGISTRY' ENTERED AT 19:54:28 ON 07 JAN 2007

L15 1 SEA PLU=ON 690212-01-2/RN

FILE 'CAPLUS' ENTERED AT 19:54:28 ON 07 JAN 2007

L16 1 SEA PLU=ON L15

FILE 'REGISTRY' ENTERED AT 19:54:29 ON 07 JAN 2007

L17 1 SEA PLU=ON 690211-99-5/RN

FILE 'CAPLUS' ENTERED AT 19:54:29 ON 07 JAN 2007

L18 1 SEA PLU=ON L17

FILE 'REGISTRY' ENTERED AT 19:54:30 ON 07 JAN 2007

L19 1 SEA PLU=ON 690211-97-3/RN

FILE 'CAPLUS' ENTERED AT 19:54:30 ON 07 JAN 2007

L20 1 SEA PLU=ON L19

FILE 'REGISTRY' ENTERED AT 19:54:31 ON 07 JAN 2007

L21 1 SEA PLU=ON 690211-96-2/RN

FILE 'CAPLUS' ENTERED AT 19:54:31 ON 07 JAN 2007

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FILE 'REGISTRY' ENTERED AT 19:54:32 ON 07 JAN 2007

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FILE 'CAPLUS' ENTERED AT 19:54:32 ON 07 JAN 2007

L24 1 SEA PLU=ON L23

FILE 'REGISTRY' ENTERED AT 19:54:33 ON 07 JAN 2007

L25 1 SEA PLU=ON 690211-92-8/RN

FILE 'CAPLUS' ENTERED AT 19:54:33 ON 07 JAN 2007

L26 1 SEA PLU=ON L25

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L27 1 SEA PLU=ON 690211-90-6/RN

FILE 'CAPLUS' ENTERED AT 19:54:34 ON 07 JAN 2007

L28 1 SEA PLU=ON L27

FILE 'REGISTRY' ENTERED AT 19:54:35 ON 07 JAN 2007

L29 1 SEA PLU=ON 690211-88-2/RN

FILE 'CAPLUS' ENTERED AT 19:54:35 ON 07 JAN 2007

L30 1 SEA PLU=ON L29

L31 1 SEA PLU=ON L30 OR L28 OR L26 OR L24 OR L22 OR L20 OR L18 OR  
L16 OR L14

INDEX 'ABI-INFORM, ADISCTI, ADISINSIGHT, ADISNEWS, AQUALINE, AQUASCI,  
BIOENG, BIOSIS, BIOTECHNO, CAPLUS, CBNB, CHEMLIST, CIN, CONFSCI, CSNB,  
DISSABS, EMBAL, EMBASE, ENERGY, ENVIROENG, ESBIODASE, FOMAD, FOREGE,  
FROSTI, HEALSAFE, HSDB, IFIPAT, INIS, IPA, ...' ENTERED AT 19:55:04 ON 07  
JAN 2007

SEA L31

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0\* FILE ADISINSIGHT

0\* FILE ADISNEWS

0\* FILE AQUALINE

0\* FILE AQUASCI

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0\* FILE BIOSIS

0\* FILE BIOTECHNO

1 FILE CAPLUS

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0\* FILE CONFSCI

0\* FILE CSNB

0\* FILE DISSABS

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0\* FILE MEDLINE

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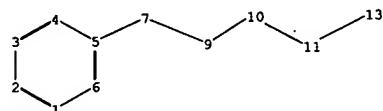
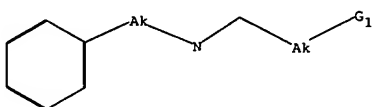
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L32

FILE 'CAPLUS' ENTERED AT 19:55:43 ON 07 JAN 2007

L33

1 SEA PLU=ON L31  
D L33 IALL HITSTR



chain nodes :

7 9 10 11 13

ring nodes :

1 2 3 4 5 6

chain bonds :

5-7 7-9 9-10 10-11 11-13

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

5-7 7-9 9-10 10-11 11-13

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

G1:O,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS9:CLASS10:CLASS11:CLASS13:CLASS

Element Count :

Node 7: Limited

C,C2-4

Node 11: Limited

C,C11-20

L33 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:402935 CAPLUS

DOCUMENT NUMBER: 140:412002

ENTRY DATE: Entered STN: 19 May 2004

TITLE: Cosmetic compositions comprising secondary or tertiary amines for the treatment of skin wrinkles

INVENTOR(S): Dalko, Maria; Breton, Lionel; Boulle, Christophe

PATENT ASSIGNEE(S): L'Oreal, Fr.

SOURCE: Eur. Pat. Appl., 16 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: French

INT. PATENT CLASSIF.:

MAIN: C07C215-08

SECONDARY: C07C217-62; A61K007-48

CLASSIFICATION: 62-4 (Essential Oils and Cosmetics)

Section cross-reference(s): 24

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1420008	A1	20040519	EP 2003-292515	20031010
EP 1420008	B1	20061220		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
FR 2847250	A1	20040521	FR 2002-14321	20021115
FR 2847250	B1	20060922		
US 2004143009	A1	20040722	US 2003-701466	20031106
JP 2004217622	A	20040805	JP 2003-385703	20031114
PRIORITY APPLN. INFO.:			FR 2002-14321	A 20021115
			US 2002-428744P	P 20021125

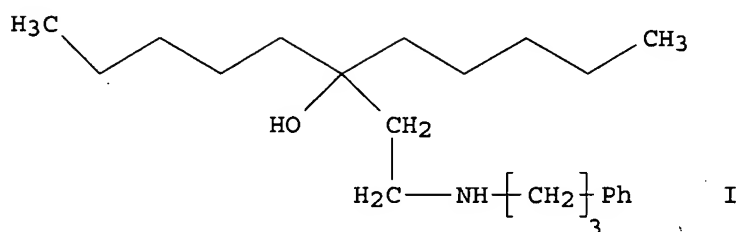
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	ICS	C07C217-62; A61K007-48
	IPCI	C07C0215-00 [I,C]; A61K0008-30 [I,C]; A61Q0019-06 [I,C]; C07C0217-00 [I,C]; C07C0215-08 [I,A]; A61K0008-41 [I,A]; A61Q0019-06 [I,A]; C07C0217-62 [I,A]
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FR 2847250	IPCI	C07C0211-00 [I,C]; C07C0211-08 [I,A]
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	ECLA	A61K008/41; A61Q019/00; A61Q019/08; C07C215/08; C07C217/62
US 2004143009	IPCI	A61K0031-277 [ICM,7]; A61K0031-275 [ICM,7,C*]; A61K0031-137 [ICS,7]; A61K0031-195 [ICS,7]; A61K0031-185 [ICS,7,C*]; A61K0031-165 [ICS,7]; A61K0031-17 [ICS,7]
	IPCR	C07C0215-00 [I,C*]; C07C0215-08 [I,A]
	NCL	514/524.000; 514/567.000; 514/597.000; 514/619.000; 514/649.000; 558/418.000; 562/440.000; 564/051.000;

564/164.000; 564/336.000

JP 2004217622 ECLA C07C215/08  
 IPCI C07C0215-08 [ICM,7]; C07C0215-00 [ICM,7,C\*];  
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 4C083/EE12; 4H006/AA01; 4H006/AA03; 4H006/AB12;  
 4H006/BJ50; 4H006/BN10; 4H006/BU36

OTHER SOURCE(S): MARPAT 140:412002  
 GRAPHIC IMAGE:



# ABSTRACT:

Cosmetic compns. comprising secondary or tertiary amines are used for the treatment of skin wrinkles. Thus, 6-[2-(3-phenyl-propylamino)-ethyl]-undecan-6-ol (I) (preparation given) was obtained by the reaction of bromopentane and Et 3-[ethyl-(3-phenyl-propyl)-amino]-propionate (yield = 8%). The myorelaxant activity of I was tested in rats' muscles in vivo. A cosmetic composition contained I 1, propylene glycol isostearate 13, polyethylene glycol 5, propylene glycol 3, pentylene glycol 3, glyceryl stearate and polyethylene stearate glycol 5, polyoxyethylene sorbitan mono-stearate 0.5, polyoxyethylene polyoxypropylene cetyl alc. 1, gelling agents 0.5, C12-15 alkyl benzoate 4, ethanol 3, sodium hydroxide 0.12, preservatives 0.7, and water q.s. 100%.

SUPPL. TERM: cosmetic secondary tertiary amine treatment skin wrinkle  
 INDEX TERM: Skin, disease  
 (aging; cosmetic compns. comprising secondary or tertiary amines for treatment of skin wrinkles)  
 INDEX TERM: Cosmetics  
 (wrinkle-preventing; cosmetic compns. comprising secondary or tertiary amines for treatment of skin wrinkles)  
 INDEX TERM: 690212-00-1  
 ROLE: COS (Cosmetic use); BIOL (Biological study); USES (Uses)  
 (cosmetic compns. comprising secondary or tertiary amines for treatment of skin wrinkles)  
 INDEX TERM: 690211-88-2P 690211-90-6P  
 690211-92-8P 690211-95-1P  
 690211-96-2P 690211-97-3P  
 690211-99-5P 690212-01-2P  
 ROLE: COS (Cosmetic use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (cosmetic compns. comprising secondary or tertiary amines for treatment of skin wrinkles)  
 INDEX TERM: 75-07-0, Acetaldehyde, reactions 104-53-0,  
 3-Phenylpropionaldehyde 104-55-2, Cinnamaldehyde

110-53-2, 1-Bromopentane 539-74-2, Ethyl 3-bromopropionate  
 2038-57-5, 3-Phenylpropylamine 4897-84-1, Methyl  
 4-Bromobutyrate 20401-88-1, 3-(4-Methoxyphenyl)  
 propionaldehyde 690211-91-7 690211-98-4

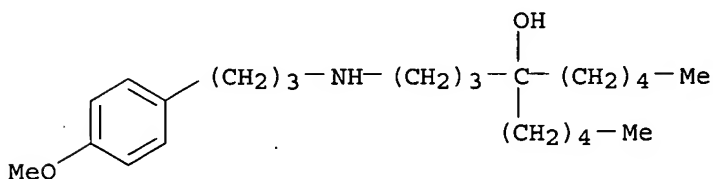
ROLE: RCT (Reactant); RACT (Reactant or reagent)  
 (cosmetic compns. comprising secondary or tertiary amines  
 for treatment of skin wrinkles)

INDEX TERM: 75-04-7P, Ethylamine, preparation 13125-62-7P  
 36397-23-6P, 3-p-Methoxyphenyl-propyl)-amine 156697-76-6P  
 690211-89-3P 690211-93-9P 690211-94-0P 690212-02-3P  
 ROLE: RCT (Reactant); SPN (Synthetic preparation); PREP  
 (Preparation); RACT (Reactant or reagent)  
 (cosmetic compns. comprising secondary or tertiary amines  
 for treatment of skin wrinkles)

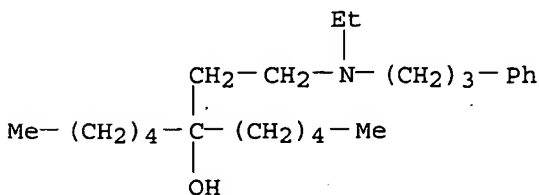
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS  
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REFERENCE(S): (1) Kao Corp; EP 0691327 A 1996 CAPLUS  
 (2) Oreal; FR 2798590 A 2001 CAPLUS  
 (3) Shuker, A; TETRAHEDRON LETTERS 1997, V38(35), P6149  
 CAPLUS  
 (4) Smithkline Beecham Plc; WO 9737967 A 1997 CAPLUS  
 (5) Soken Kk; EP 1090630 A 2001 CAPLUS

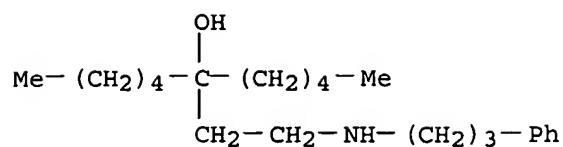
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 RN 690212-00-1 CAPLUS  
 CN 6-Undecanol, 6-[3-[[3-(4-methoxyphenyl)propyl]amino]propyl]- (9CI) (CA  
 INDEX NAME)



IT 690211-88-2P 690211-90-6P 690211-92-8P  
 690211-95-1P 690211-96-2P 690211-97-3P  
 690211-99-5P 690212-01-2P  
 RL: COS (Cosmetic use); SPN (Synthetic preparation); BIOL (Biological  
 study); PREP (Preparation); USES (Uses)  
 (cosmetic compns. comprising secondary or tertiary amines for treatment  
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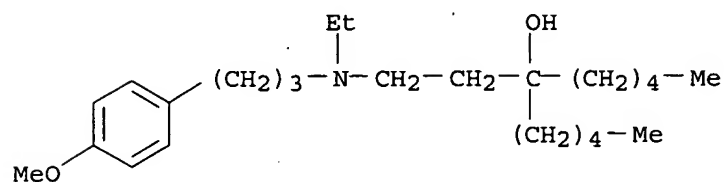


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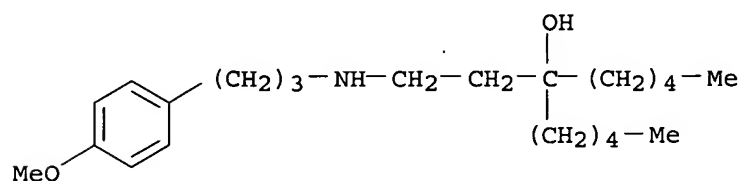
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(CA INDEX NAME)



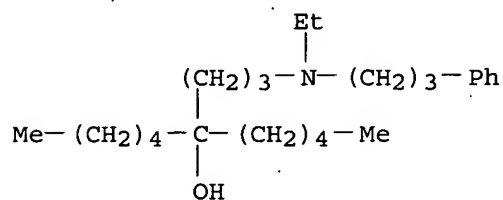
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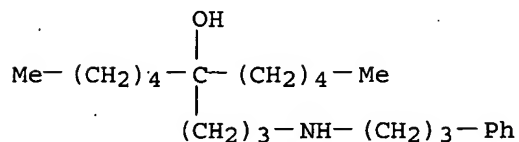
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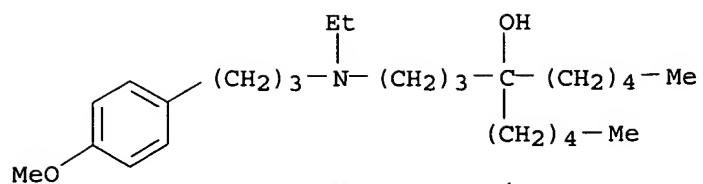
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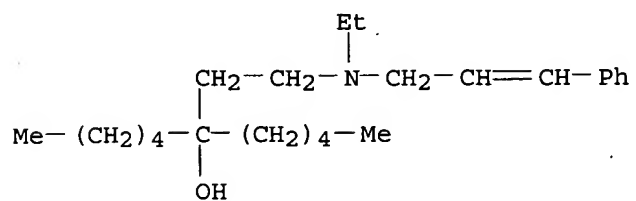
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(CA INDEX NAME)





RN 690212-01-2 CAPLUS

CN 6-Undecanol, 6-[2-[ethyl(3-phenyl-2-propenyl)amino]ethyl]-(9CI) (CA INDEX NAME)



## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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L2	4647	(dalko or breton or boulle)/in	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/07 20:42
L3	1943	(dalko or breton or boulle).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/07 20:42
L4	240	3 and orear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/07 20:42
L5	4	4 and amine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/07 20:42
S1	1	10/701,466	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/07 20:16
S2	4	dalko and breton and boulle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/07 20:41